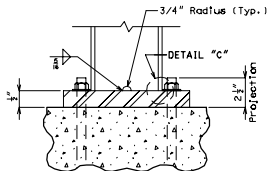
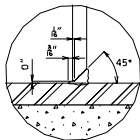


State	Proj. No.	Sheet No.
MD		

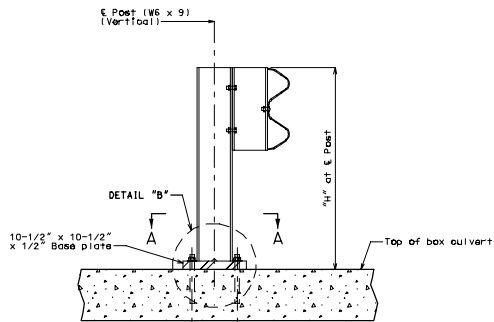


DETAIL "B"

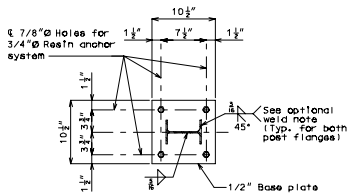
Semi-circular notches centered on the axis of the post web ends may be made to facilitate galvanizing.



DETAIL "C"



PART SECTION AT RAIL POST



SECTION A-A

Note: Optional welding of the post to the base plate, in lieu of the weld shown, is a 5/16" fillet weld all around, including the edges of the post flanges.

NOTES:

All bolts, nuts, washers, and plates and elastomeric materials will be considered completely covered by the contract unit price for Bridge Guardrail (Thrie Beam) other items.

All steel connecting bolts and fasteners for posts and railing, and all anchor bolts, nuts, washers, and plate shall be galvanized after fabrication except for bolted plate. Protective coating and material requirement of steel railing shall be in accordance with Sec 1040.

Rail posts shall be seated on elastomeric pads having some dimensions as the post base plate and 1/16" thick. Such pads may be any elastomeric material, plain or filled, having a hardness (durometer) of 50 or above, as certified by the manufacturer. Additional pads or half pads may be used in shimming for alignment. Post heights shown will increase by the thickness of the pad.

Posts, cap rail angles, top plates, base plates, channel and channel splice plates shall be fabricated from ASTM A709 Grade 36 steel and galvanized.

Fabrication of structural steel shall be in accordance
Sec 1080.

The contractor shall use one of the qualified resin and systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor sys complete-in-place will be considered completely covered by the contract unit price for _____.

See slab sheet for rail post spacing.

See Missouri Standard Plans drawing 606.00 for details shown.

REMOVE THIS NOTE

NOTE TO DETAILER:

USE THIS DETAIL WHEN REQUIRED TO CONNECT
RAIL POST TO CULVERT SLABS GREATER THAN 9" THICK
OR WHERE CULVERT WALLS INTERFERE WITH BOLTING
THROUGH SLAB.